

## ABSTRACT

Making a suspended or soluble macromolecular conjugate comprising binding a first macromolecule to a solid via a stable, disruptable bond, stably linking additional macromolecules, and releasing the macromolecular conjugate, as well as macromolecular conjugates prepared by the method.

1. A method of making a macromolecular conjugate, comprising:  
binding a first macromolecule to a solid via a stable, disruptable bond;  
stably linking additional macromolecules to the first macromolecule;  
releasing the macromolecular conjugate from the solid;  
wherein the first macromolecule is a polymer, a protein, a nucleic acid, or a carbohydrate;  
wherein the stable, disruptable bond is a covalent bond, a hydrogen bond, a hydrophobic interaction, or a ionic interaction;  
wherein the additional macromolecules are polymers, proteins, nucleic acids, or carbohydrates;  
wherein the solid is a surface, a particle, or a support.